Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136793.D
Acq On : 28 Dec 2023 14:22
Operator : CG\JU
Sample : 05926-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/29/2023
Supervised By :mohammad ahmed
12/29/2023

Quant Time: Dec 28 14:50:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	72807	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	290287	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	158710	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	329823	20.000	ng		0.00
76) Chrysene-d12	13.968	240	181018	20.000	ng		0.00
86) Perylene-d12	15.445	264	176401	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	574574	123.134	ng		0.02
7) Phenol-d6	6.439	99	696680	115.223	ng		0.00
23) Nitrobenzene-d5	7.351	82	480761	84.747	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	247300	132.305	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	986403	83.593	ng		-0.01
79) Terphenyl-d14	12.910	244	1171294	90.424	ng		0.00
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.781	88	75268	38.713	ng	#	82
3) Pyridine	3.498	79	170590	35.961	ng		92
4) n-Nitrosodimethylamine	3.428	42	109611	43.269	ng		98
6) Aniline	6.451	93	115770	19.151	ng	#	1
8) 2-Chlorophenol	6.575	128	223454	43.759	ng		96
9) Benzaldehyde	6.339	77	25666	7.463	ng		97
10) Phenol	6.451	94	254977	39.504	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	204677	41.698	ng		97
12) 1,3-Dichlorobenzene	6.728	146	197047	35.373	ng		96
13) 1,4-Dichlorobenzene	6.804	146	203656	35.780	ng		96
14) 1,2-Dichlorobenzene	6.951	146	193390	36.513	ng		98
15) Benzyl Alcohol	6.934	79	199521	48.913	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318241	39.655	ng		75
17) 2-Methylphenol	7.045	107	184779	43.679	ng		98
18) Hexachloroethane	7.286	117	71305	34.495	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	158615	43.275	ng		95
20) 3+4-Methylphenols	7.198	107	235689	44.596	ng		94
22) Acetophenone	7.192	105	326015	44.807	ng	#	92
24) Nitrobenzene	7.369	77	235709	41.478	ng		96
25) Isophorone	7.604	82	454785	44.058	ng		98
26) 2-Nitrophenol	7.681	139	119049	43.786	ng		96
27) 2,4-Dimethylphenol	7.722	122	184906	55.862	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	268810	42.842	ng		99
29) 2,4-Dichlorophenol	7.928	162	194888	45.733	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	185704	39.112	ng		96
31) Naphthalene	8.086	128	649287	40.714	ng		99
32) Benzoic acid	7.833	122	43587	13.609	ng		97
33) 4-Chloroaniline	8.133	127	37224	6.322	ng		96
34) Hexachlorobutadiene	8.198	225	103778	35.975	ng		99
35) Caprolactam	8.516	113	66291m	47.155	ng		
36) 4-Chloro-3-methylphenol	8.633	107	225924	47.093	ng		99
37) 2-Methylnaphthalene	8.775	142	433368	42.225	ng		100
38) 1-Methylnaphthalene	8.875	142	419862	41.697	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	212018	43.135	ng		98
41) Hexachlorocyclopentadiene	8.922	237	110925	71.345	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	146175	46.372	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	158767	45.198	ng		97
46) 1,1'-Biphenyl	9.245	154	594066	44.606	ng		98
47) 2-Chloronaphthalene	9.269	162	429054	42.377	ng		97
48) 2-Nitroaniline	9.369	65	149837	47.259	ng		97
49) Acenaphthylene	9.686	152	736681	47.603	ng		100
50) Dimethylphthalate	9.551	163	536123	46.247	ng		99
51) 2,6-Dinitrotoluene	9.616	165	120750	45.896	ng		100
52) Acenaphthene	9.857	154	421971	43.988	ng		98
53) 3-Nitroaniline	9.780	138	55415	19.883	ng		95
54) 2,4-Dinitrophenol	9.892	184	44498	32.827	ng	#	85
55) Dibenzofuran	10.027	168	647550	44.531	ng		99
56) 4-Nitrophenol	9.963	139	167442	88.999	ng		96
57) 2,4-Dinitrotoluene	10.022	165	155179	45.434	ng	#	95
58) Fluorene	10.374	166	531023	46.023	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137168	50.728	ng		99
60) Diethylphthalate	10.251	149	564324	46.918	ng		100
61) 4-Chlorophenyl-phenyle...	10.363	204	249431	44.475	ng		99
62) 4-Nitroaniline	10.404	138	123059m	45.803	ng		
63) Azobenzene	10.527	77	514615	45.808	ng		96
65) 4,6-Dinitro-2-methylph...	10.433	198	44029	23.293	ng		91
66) n-Nitrosodiphenylamine	10.486	169	485542	45.318	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	158117	43.167	ng		95
68) Hexachlorobenzene	10.922	284	176413	43.217	ng		98
69) Atrazine	11.021	200	161306	58.863	ng		99
70) Pentachlorophenol	11.121	266	159052	83.594	ng		99
71) Phenanthrene	11.339	178	776181	45.864	ng		99
72) Anthracene	11.392	178	793081	46.274	ng		99
73) Carbazole	11.551	167	740854	45.848	ng		100
74) Di-n-butylphthalate	11.880	149	945336	47.943	ng		100
75) Fluoranthene	12.533	202	807011	44.581	ng		98
77) Benzidine	12.657	184	138270	25.906	ng		99
78) Pyrene	12.763	202	809048	45.529	ng		99
80) Butylbenzylphthalate	13.386	149	337411	52.183	ng		99
81) Benzo(a)anthracene	13.957	228	575571	45.790	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	93567	26.212	ng		99
83) Chrysene	13.998	228	548138	44.594	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	454578	55.877	ng		98
85) Di-n-octyl phthalate	14.562	149	709960	56.417	ng		98
87) Indeno(1,2,3-cd)pyrene	16.962	276	592849	46.548	ng		99
88) Benzo(b)fluoranthene	15.015	252	504023	42.779	ng		100
89) Benzo(k)fluoranthene	15.045	252	472481	42.440	ng		99
90) Benzo(a)pyrene	15.386	252	435874	43.827	ng		100
91) Dibenzo(a,h)anthracene	16.980	278	495716	47.442	ng		97
92) Benzo(g,h,i)perylene	17.415	276	478360	44.698	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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